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Kali Linux Wireless Penetration Testing Beginner's Guide -Third *Kali Linux Wireless Penetration Testing Cookbook* Kali Linux Wireless Penetration Testing: Beginner's Guide Mastering Kali Linux Wireless Pentesting *Kali Linux Wireless Penetration Testing*

Beginner's Guide Kali Linux Wireless Penetration Testing Essentials Kali Linux Hacking with Kali Linux. Wireless Penetration **Kali Linux Wireless Penetration Testing Beginner's Guide - Third Edition** *Kali Linux Wireless Penetration Testing Beginner's Guide* **Kali Linux Wireless Penetration Testing Cookbook** *Wireless Hacking with Kali Linux* **Backtrack 5 Wireless Penetration Testing** Wireless Penetration Testing with Kali Linux **Kali Linux Tools WarDriving and Wireless Penetration Testing** *Kali Linux* **Kali Linux Kali Linux for Hackers Kali Linux 2017 Wireless Penetration Testing for Beginners** The Ultimate Kali Linux Book **Hacking with Kali Linux Kali Linux Advanced Wireless Penetration Testing** Hacking with Kali Linux **Kali Linux Web Penetration Testing Cookbook** Hands-On Penetration Testing with Kali NetHunter **Wireless Penetration Testing: Up and Running** *Penetration Testing* **Kali Linux 2 - Assuring Security by Penetration Testing Hacking with Kali Linux: A Practical Guide for Beginners to Learn Ethical Hacking Including Penetration Testing, Wireless Network and CyberSecu Kali Linux 2018 Penetration Tester's Open Source Toolkit Learn Kali Linux 2019** *Kali Linux 2 – Assuring Security by Penetration Testing Linux Basics for Hackers* Mastering Kali Linux for Advanced Penetration Testing *Hacking and Penetration Testing with Low Power Devices* **Kali Linux Hacking** Learning Kali Linux **Hacking: A Beginners Guide to Your First Computer Hack; Learn to Crack a Wireless Network, Basic Security Penetration Made Easy**

Examine, Attack, and Exploit Flaws and Vulnerabilities in Advanced Wireless Networks KEY FEATURES ? Extensive hands-on lab instructions in using Kali Linux to crack wireless networks. ? Covers the misconceptions, failures, and best practices that can help any pen tester come up with their special cyber attacks. ? Extensive coverage of Android and iOS pentesting, as well as attacking techniques and simulated attack scenarios. DESCRIPTION This book satisfies any IT professional's desire to become a successful ethical hacker who is willing to be employed in identifying and exploiting flaws in the organization's network environment. This book explains in detail how to conduct wireless penetration tests using a wide variety of tools to simulate cyber attacks on both Android and iOS mobile devices and wireless networks. This book walks you through the steps of wireless penetration testing from start to finish. Once Kali Linux has been installed on your laptop, as demonstrated, you will check the system requirements and install the wireless adapter. The book then explores the wireless LAN reconnaissance phase, which outlines the WEP and WPA/WPA2 security protocols and shows real-world attacks against them using Kali Linux tools like Aircrack-ng. Then, the book discusses the most recent and sophisticated cyberattacks that target access points and wireless devices and how to prepare a compelling and professionally presented report. As a bonus, it removes myths, addresses misconceptions, and corrects common misunderstandings that can be detrimental to one's professional credentials. Tips and advice that are easy to implement and can increase their

marketability as a pentester are also provided, allowing them to quickly advance toward a satisfying career in the field. WHAT YOU WILL LEARN ? Learn all about breaking the WEP security protocol and cracking authentication keys. ? Acquire the skills necessary to successfully attack the WPA/WPA2 protocol. ? Compromise the access points and take full control of the wireless network. ? Bring your laptop up to speed by setting up Kali Linux and a wifi adapter. ? Identify security flaws and scan for open wireless LANs. ? Investigate the process and steps involved in wireless penetration testing. WHO THIS BOOK IS FOR This book is primarily for pentesters, mobile penetration testing users, cybersecurity analysts, security engineers, and all IT professionals interested in pursuing a career in cybersecurity. Before diving into this book, familiarity with network security fundamentals is recommended. TABLE OF CONTENTS 1. Wireless Penetration Testing Lab Setup 2. Wireless Attacking Techniques and Methods 3. Wireless Information Gathering and Footprinting 4. Wireless Vulnerability Research 5. Gain Access to Wireless Network 6. Wireless Vulnerability Assessment 7. Client-side Attacks 8. Advanced Wireless Attacks 9. Wireless Post-Exploitation 10. Android Penetration Testing 11. iOS Penetration Testing 12. Reporting Explore the latest ethical hacking tools and techniques to perform penetration testing from scratch Purchase of the print or Kindle book includes a free eBook in the PDF format Key Features Learn to compromise enterprise networks with Kali Linux Gain comprehensive insights into security concepts using advanced real-life hacker techniques

Use Kali Linux in the same way ethical hackers and penetration testers do to gain control of your environment Book Description Kali Linux is the most popular and advanced penetration testing Linux distribution within the cybersecurity industry. Using Kali Linux, a cybersecurity professional will be able to discover and exploit various vulnerabilities and perform advanced penetration testing on both enterprise wired and wireless networks. This book is a comprehensive guide for those who are new to Kali Linux and penetration testing that will have you up to speed in no time. Using real-world scenarios, you'll understand how to set up a lab and explore core penetration testing concepts. Throughout this book, you'll focus on information gathering and even discover different vulnerability assessment tools bundled in Kali Linux. You'll learn to discover target systems on a network, identify security flaws on devices, exploit security weaknesses and gain access to networks, set up Command and Control (C2) operations, and perform web application penetration testing. In this updated second edition, you'll be able to compromise Active Directory and exploit enterprise networks. Finally, this book covers best practices for performing complex web penetration testing techniques in a highly secured environment. By the end of this Kali Linux book, you'll have gained the skills to perform advanced penetration testing on enterprise networks using Kali Linux. What you will learn Explore the fundamentals of ethical hacking Understand how to install and configure Kali Linux Perform asset and network discovery techniques Focus on how to perform vulnerability assessments Exploit

the trust in Active Directory domain services Perform advanced exploitation with Command and Control (C2) techniques Implement advanced wireless hacking techniques Become well-versed with exploiting vulnerable web applications Who this book is for This pentesting book is for students, trainers, cybersecurity professionals, cyber enthusiasts, network security professionals, ethical hackers, penetration testers, and security engineers. If you do not have any prior knowledge and are looking to become an expert in penetration testing using the Kali Linux operating system (OS), then this book is for you. Insecure wireless networks have been used to break into companies, banks and government organizations. The frequency of these attacks is only intensified, as network administrators are still clueless when it comes to securing wireless networks in a robust and fool proof way. helping the reader understand the insecurities associated with wireless networks, and how to conduct penetration tests to find and plug them. This is an essential read for those who would like to conduct security audits on wireless networks and always wanted a step-by-step practical. As every wireless attack explained in this book is immediately followed by a practical demo, the learning is very complete. We have chosen Kali Linux as the platform to test all the wireless attacks in this book. Kali Linux, is the world's most popular penetration testing distribution. It contains hundreds of security and hacking tools, some of which we will use in this course of this book. Written in Packt's Beginner's Guide format, you can easily grasp the concepts and understand the techniques to perform wireless attacks

in your lab. Every new attack is described in the form of a lab exercise with rich illustrations of all the steps associated. You will practically implement various attacks as you go along. If you are an IT security professional or a security consultant who wants to get started with wireless testing with Backtrack, or just plain inquisitive about wireless security and hacking, then this book is for you. The book assumes that you have familiarity with Backtrack and basic wireless concepts. "Kali Linux is a Debian-based Linux distribution designed primarily for Penetration Testing and Digital Forensics. It gives access to a large collection of security-related tools for professional security testing. In this course, you will be discussing the different variety of tools and techniques to find hidden wireless networks and Bluetooth devices. You will learn how to enumerate the wireless network, cracking passwords, getting connected to any vulnerable wireless network and Bluetooth device. All the exercise in this course will be hands-on throughout this training. The end goal of this course is to be able to connect, enumerate, extract information to any wireless-enabled device and network by utilizing various tools and software programs."--Resource description page. Master wireless testing techniques to survey and attack wireless networks with Kali Linux About This Book Learn wireless penetration testing with Kali Linux; Backtrack's evolution Detect hidden wireless networks and discover their names Explore advanced Wi-Fi hacking techniques including rogue access point hosting and probe sniffing Develop your encryption cracking skills and gain an insight into the methods used by

attackers and the underlying technologies that facilitate these attacks Who This Book Is For If you are a security professional, pentester, or anyone interested in getting to grips with wireless penetration testing, this is the book for you. Some familiarity with Kali Linux and wireless concepts is beneficial. In Detail As wireless networks become ubiquitous in our lives, wireless penetration testing has become a key skill in the repertoire of the professional penetration tester. The Kali Linux security distribution comes with a myriad of tools used for networking attacks and detecting security loopholes. Kali Linux Wireless Penetration Testing Beginner's Guide presents wireless pentesting from the ground up, introducing all elements of penetration testing with each new technology. Learn various wireless testing methodologies by example, from the basics of wireless routing and encryption through to detailed coverage of hacking methods and attacks such as the Hirte and Caffe Latte." Do you want to become an ethical hacker? Do you want to understand how hackers work? Kali Linux is a very advanced flavor of Linux, which is used for Security Auditing and Penetration Testing. Kali Linux is developed specifically to meet the needs of professionals who are looking for tools related to security auditing and penetration testing. There are several tools integrated with Kali Linux, which help meet these needs. Data security is an integral part of your business if you are just beginning to work with clients. If you look up the Internet, you will easily find articles about data breaches that have been happening in small businesses in and around your area or even a college database for that matter. If you

are aiming at becoming a professional in penetration testing with the sole goal of becoming a certified professional, there is no better operating system that you can find than Kali Linux, at any price and especially for free. With the help of this guide, you will be able to learn the following: The Basic of Kali Linux Creating Kali Virtual Machine Step by Step Hacking Process Running and Using Kali Linux Careers in Hacking AND MORE!! Even if you've never studied the art of hacking in-depth you can start from here learning the basics of Kali Linux and starting your career as an Ethical Hacker Scroll up and click the buy now button and learn how to use Kali Linux today! Kali Linux is the most popular distribution dedicated to penetration testing that includes a set of free, open source tools. This book introduces you to wireless penetration testing and describes how to conduct its various phases. After showing you how to install Kali Linux on your laptop, you will verify the requirements of the wireless adapter and configure it. Next, the book covers the wireless LAN reconnaissance phase, explains the WEP and WPA/WPA2 security protocols and demonstrates practical attacks against them using the tools provided in Kali Linux, Aircrack-ng in particular. You will then discover the advanced and latest attacks targeting access points and wireless clients and learn how to create a professionally written and effective report. Test your wireless network's security and master advanced wireless penetration techniques using Kali Linux About This Book Develop your skills using attacks such as wireless cracking, Man-in-the-Middle, and Denial of Service (DOS), as well as

extracting sensitive information from wireless networks Perform advanced wireless assessment and penetration tests Use Embedded Platforms, Raspberry PI, and Android in wireless penetration testing with Kali Linux Who This Book Is For If you are an intermediate-level wireless security consultant in Kali Linux and want to be the go-to person for Kali Linux wireless security in your organisation, then this is the book for you. Basic understanding of the core Kali Linux concepts is expected. What You Will Learn Fingerprint wireless networks with the various tools available in Kali Linux Learn various techniques to exploit wireless access points using CSRF Crack WPA/WPA2/WPS and crack wireless encryption using Rainbow tables more quickly Perform man-in-the-middle attack on wireless clients Understand client-side attacks, browser exploits, Java vulnerabilities, and social engineering Develop advanced sniffing and PCAP analysis skills to extract sensitive information such as DOC, XLS, and PDF documents from wireless networks Use Raspberry PI and OpenWrt to perform advanced wireless attacks Perform a DOS test using various techniques and tools In Detail Kali Linux is a Debian-based Linux distribution designed for digital forensics and penetration testing. It gives access to a large collection of security-related tools for professional security testing - some of the major ones being Nmap, Aircrack-ng, Wireshark, and Metasploit. This book will take you on a journey where you will learn to master advanced tools and techniques to conduct wireless penetration testing with Kali Linux. You will begin by gaining an understanding of setting

up and optimizing your penetration testing environment for wireless assessments. Then, the book will take you through a typical assessment from reconnaissance, information gathering, and scanning the network through exploitation and data extraction from your target. You will get to know various ways to compromise the wireless network using browser exploits, vulnerabilities in firmware, web-based attacks, client-side exploits, and many other hacking methods. You will also discover how to crack wireless networks with speed, perform man-in-the-middle and DOS attacks, and use Raspberry Pi and Android to expand your assessment methodology. By the end of this book, you will have mastered using Kali Linux for wireless security assessments and become a more effective penetration tester and consultant. Style and approach This book uses a step-by-step approach using real-world attack scenarios to help you master the wireless penetration testing techniques. Over 60 powerful recipes to scan, exploit, and crack wireless networks for ethical purposes About This Book Expose wireless security threats through the eyes of an attacker, Recipes to help you proactively identify vulnerabilities and apply intelligent remediation, Acquire and apply key wireless pentesting skills used by industry experts Who This Book Is For If you are a security professional, administrator, and a network professional who wants to enhance their wireless penetration testing skills and knowledge then this book is for you. Some prior experience with networking security and concepts is expected. What You Will Learn Deploy and configure a wireless cyber lab that resembles an enterprise production

environment Install Kali Linux 2017.3 on your laptop and configure the wireless adapter Learn the fundamentals of commonly used wireless penetration testing techniques Scan and enumerate Wireless LANs and access points Use vulnerability scanning techniques to reveal flaws and weaknesses Attack Access Points to gain access to critical networks In Detail More and more organizations are moving towards wireless networks, and Wi-Fi is a popular choice. The security of wireless networks is more important than ever before due to the widespread usage of Wi-Fi networks. This book contains recipes that will enable you to maximize the success of your wireless network testing using the advanced ethical hacking features of Kali Linux. This book will go through techniques associated with a wide range of wireless penetration tasks, including WLAN discovery scanning, WEP cracking, WPA/WPA2 cracking, attacking access point systems, operating system identification, vulnerability mapping, and validation of results. You will learn how to utilize the arsenal of tools available in Kali Linux to penetrate any wireless networking environment. You will also be shown how to identify remote services, how to assess security risks, and how various attacks are performed. By finishing the recipes, you will feel confident conducting wireless penetration tests and will be able to protect yourself or your organization from wireless security threats. Style and approach The book will provide the foundation principles, techniques, and in-depth analysis to effectively master wireless penetration testing. It will aid you in understanding and mastering many of the most powerful and

useful wireless testing techniques in the industry. Have you always been fascinated by the hackers on TV? Do you want to introduce yourself to the world of hacking? Do you know penetration testing is one of the fastest growing fields? If your answer to these questions is yes then keep reading... A problem that many aspiring hackers face when first starting out is selecting their first operating system. And a hacker without an operating system isn't really a hacker at all. Operating systems are an essential part of mastering, or even just dipping into, the wide world of hacking. But how do you know which operating system to choose from? There are so many options out there, and it can be extremely overwhelming, especially if you're just getting started. After all, you can't be successful if you don't know which architecture is the best for what you're doing. Luckily for you, this book tackles that issue, and it comes to a simple conclusion: Kali Linux. Kali Linux was made by hackers, for hackers, so there's no doubt that it is a must-have piece of equipment for those just starting out and those who have been around the block a few times. So how exactly does it work? Well, this book will teach you how to use it to accomplish exactly what you want to in your hacking career. It's the best way to get into hacking. Best of all, we won't assume you have any tech knowledge at all, so this book truly is perfect for beginners! You will learn: - What is hacking - The importance of cybersecurity - How malware and cyber-attacks operate - How to install Kali Linux on a virtual box - How to scan networks - VPNs & Firewalls - An introduction to Digital Signatures and Cryptography - Hacking as a career - and much

more... - Follow me, and let's dive into the world of hacking today! Don't keep waiting to start your new journey as a hacker; get started now! Scroll up and click the BUY NOW button! Hacking will demand your full dedication and interest and also a desire and a craving for knowledge and constant advancement. If your goal is to be a hacker, this is the book to start with!. Today only, get this bestseller for a special price. This book contains proven steps and strategies on how to hack a Wireless Network, carry out a penetration test and so much more. It gives an insight to the most used hacking techniques and how to develop your basic skills Here Is A Preview Of What You'll Learn... What is Hacking? How to Crack Wireless Networks Kali Linux Linux Hacking Tools Penetration Test Your First Hack: WEP Network And basically everything you need to help you to start your Hacking career Get your copy today! Take action today and buy this book now at a special price! This book provides an overview of the kill chain approach to penetration testing, and then focuses on using Kali Linux to provide examples of how this methodology is applied in the real world. After describing the underlying concepts, step-by-step examples are provided that use selected tools to demonstrate the techniques.If you are an IT professional or a security consultant who wants to maximize the success of your network testing using some of the advanced features of Kali Linux, then this book is for you. This book will teach you how to become an expert in the pre-engagement, management, and documentation of penetration testing by building on your understanding of Kali Linux and wireless concepts.

Explore the latest ethical hacking tools and techniques in Kali Linux 2019 to perform penetration testing from scratch Key FeaturesGet up and running with Kali Linux 2019.2Gain comprehensive insights into security concepts such as social engineering, wireless network exploitation, and web application attacksLearn to use Linux commands in the way ethical hackers do to gain control of your environmentBook Description The current rise in hacking and security breaches makes it more important than ever to effectively pentest your environment, ensuring endpoint protection. This book will take you through the latest version of Kali Linux and help you use various tools and techniques to efficiently deal with crucial security aspects. Through real-world examples, you'll understand how to set up a lab and later explore core penetration testing concepts. Throughout the course of this book, you'll get up to speed with gathering sensitive information and even discover different vulnerability assessment tools bundled in Kali Linux 2019. In later chapters, you'll gain insights into concepts such as social engineering, attacking wireless networks, exploitation of web applications and remote access connections to further build on your pentesting skills. You'll also focus on techniques such as bypassing controls, attacking the end user and maintaining persistence access through social media. Finally, this pentesting book covers best practices for performing complex penetration testing techniques in a highly secured environment. By the end of this book, you'll be able to use Kali Linux to detect vulnerabilities and secure your system by applying

penetration testing techniques of varying complexity. What you will learnExplore the fundamentals of ethical hackingLearn how to install and configure Kali LinuxGet up to speed with performing wireless network pentestingGain insights into passive and active information gatheringUnderstand web application pentesting Decode WEP, WPA, and WPA2 encryptions using a variety of methods, such as the fake authentication attack, the ARP request replay attack, and the dictionary attackWho this book is for If you are an IT security professional or a security consultant who wants to get started with penetration testing using Kali Linux 2019.2, then this book is for you. The book will also help if you're simply looking to learn more about ethical hacking and various security breaches. Although prior knowledge of Kali Linux is not necessary, some understanding of cybersecurity will be useful. Over 80 recipes on how to identify, exploit, and test web application security with Kali Linux 2 About This Book Familiarize yourself with the most common web vulnerabilities a web application faces, and understand how attackers take advantage of them Set up a penetration testing lab to conduct a preliminary assessment of attack surfaces and run exploits Learn how to prevent vulnerabilities in web applications before an attacker can make the most of it Who This Book Is For This book is for IT professionals, web developers, security enthusiasts, and security professionals who want an accessible reference on how to find, exploit, and prevent security vulnerabilities in web applications. You should know the basics of operating a Linux environment and have some exposure to

security technologies and tools. What You Will Learn Set up a penetration testing laboratory in a secure way Find out what information is useful to gather when performing penetration tests and where to look for it Use crawlers and spiders to investigate an entire website in minutes Discover security vulnerabilities in web applications in the web browser and using command-line tools Improve your testing efficiency with the use of automated vulnerability scanners Exploit vulnerabilities that require a complex setup, run custom-made exploits, and prepare for extraordinary scenarios Set up Man in the Middle attacks and use them to identify and exploit security flaws within the communication between users and the web server Create a malicious site that will find and exploit vulnerabilities in the user's web browser Repair the most common web vulnerabilities and understand how to prevent them becoming a threat to a site's security In Detail Web applications are a huge point of attack for malicious hackers and a critical area for security professionals and penetration testers to lock down and secure. Kali Linux is a Linux-based penetration testing platform and operating system that provides a huge array of testing tools, many of which can be used specifically to execute web penetration testing. This book will teach you, in the form step-by-step recipes, how to detect a wide array of vulnerabilities, exploit them to analyze their consequences, and ultimately buffer attackable surfaces so applications are more secure, for you and your users. Starting from the setup of a testing laboratory, this book will give you the skills you need to cover every stage of a penetration test: from

gathering information about the system and the application to identifying vulnerabilities through manual testing and the use of vulnerability scanners to both basic and advanced exploitation techniques that may lead to a full system compromise. Finally, we will put this into the context of OWASP and the top 10 web application vulnerabilities you are most likely to encounter, equipping you with the ability to combat them effectively. By the end of the book, you will have the required skills to identify, exploit, and prevent web application vulnerabilities. Style and approach Taking a recipe-based approach to web security, this book has been designed to cover each stage of a penetration test, with descriptions on how tools work and why certain programming or configuration practices can become security vulnerabilities that may put a whole system, or network, at risk. Each topic is presented as a sequence of tasks and contains a proper explanation of why each task is performed and what it accomplishes. Do you want to learn how you can protect yourself from hackers in your office and home and how to carry out ethical hacking? If yes, then keep reading... In layman's terms, hacking is the act of breaking into someone else's computer to which you have no access and stealing private information by circumventing the security measures. It is dangerous because it sabotages the entire computer system. The origin of the word "hacking" can be traced back to the 1960's and 1970's. Some hackers, called Yippe, were anti-war protestors and members of the Youth International Party. They played pranks in the streets, and most of their prank techniques were taught within their group. It is important

to note that they were involved in tapping telephone lines as well. Gradually, what was called a prank grew to another level and became known as hacking. However, this time their tools were state-of-the-art mega core processors and multi-function plasma screens. Hacking tactics are increasingly being used by terrorist organizations for numerous acts of evil, including obtaining illegal funding, spreading propaganda, launching missiles, threatening the government and gathering intelligence about secret military movements. In this book, various types of hacking will be broken down and explained. Step by step instructions will be provided so that you can protect yourself from hackers in your office and home, as well as on the internet. This book gives a comprehensive guide on the following: A step by step process on installing and downloading Kali Linux Various tools that are available in Kali Linux, which can be used for penetrating wireless devices Basic Linux Commands Tips and tricks on Penetration Testing and Web Security Linux Tools How exploits are classified The role of firewall What are cryptography and digital signature The Threat of Malware and Cyber Attacks Management of Linux Kernel and Loadable Kernel Modules Bash and python scripting ... AND MORE!!! Even if it is your first approach with hacking, by the end of this book you will be armed with all the knowledge you require to get started in ethical hacking.This book is a very and complete guide with a lot of practice and little theory.All you need to know is in this book with detailed descriptions and step by step processes.Even if you are a complete beginner, this book will

act as your guide as you traverse the virtual world. What are you waiting for?Scroll to the top of the page and select the buy now button! Over 60 powerful recipes to scan, exploit, and crack wireless networks for ethical purposesAbout This Book* Expose wireless security threats through the eyes of an attacker,* Recipes to help you proactively identify vulnerabilities and apply intelligent remediation,* Acquire and apply key wireless pentesting skills used by industry expertsWho This Book Is ForIf you are a security professional, administrator, and a network professional who wants to enhance their wireless penetration testing skills and knowledge then this book is for you. Some prior experience with networking security and concepts is expected.What You Will Learn* Deploy and configure a wireless cyber lab that resembles an enterprise production environment* Install Kali Linux 2017.3 on your laptop and configure the wireless adapter* Learn the fundamentals of commonly used wireless penetration testing techniques* Scan and enumerate Wireless LANs and access points* Use vulnerability scanning techniques to reveal flaws and weaknesses* Attack Access Points to gain access to critical networksIn DetailMore and more organizations are moving towards wireless networks, and Wi-Fi is a popular choice. The security of wireless networks is more important than ever before due to the widespread usage of Wi-Fi networks. This book contains recipes that will enable you to maximize the success of your wireless network testing using the advanced ethical hacking features of Kali Linux.This book will go through techniques associated with a wide range of

wireless penetration tasks, including WLAN discovery scanning, WEP cracking, WPA/WPA2 cracking, attacking access point systems, operating system identification, vulnerability mapping, and validation of results. You will learn how to utilize the arsenal of tools available in Kali Linux to penetrate any wireless networking environment. You will also be shown how to identify remote services, how to assess security risks, and how various attacks are performed.By finishing the recipes, you will feel confident conducting wireless penetration tests and will be able to protect yourself or your organization from wireless security threats.Style and approachThe book will provide the foundation principles, techniques, and in-depth analysis to effectively master wireless penetration testing. It will aid you in understanding and mastering many of the most powerful and useful wireless testing techniques in the industry. Kali Linux Wireless Penetration Testing Beginner's Guide, Third Edition presents wireless pentesting from the ground up, and has been updated with the latest methodologies, including full coverage of the KRACK attack. About This Book Learn wireless penetration testing with Kali Linux Detect hidden wireless networks and discover their names Explore advanced Wi-Fi hacking techniques including rogue access point hosting and probe sniffing Develop your encryption cracking skills and gain an insight into the methods used by attackers and the underlying technologies that facilitate these attacks Who This Book Is For Kali Linux Wireless Penetration Testing Beginner's Guide, Third Edition is suitable for anyone who wants to learn more about pentesting and

how to understand and defend against the latest wireless network attacks. What You Will Learn Understand the KRACK attack in full detail Create a wireless lab for your experiments Sniff out wireless packets, hidden networks, and SSIDs Capture and crack WPA-2 keys Sniff probe requests and track users through their SSID history Attack radius authentication systems Sniff wireless traffic and collect interesting data Decrypt encrypted traffic with stolen keys In Detail As wireless networks become ubiquitous in our lives, wireless penetration testing has become a key skill in the repertoire of the professional penetration tester. This has been highlighted again recently with the discovery of the KRACK attack which enables attackers to potentially break into Wi-Fi networks encrypted with WPA2. The Kali Linux security distribution comes with a myriad of tools used for networking attacks and detecting security loopholes. Kali Linux Wireless Penetration Testing Beginner's Guide, Third Edition has been updated to Kali Linux 2017.3 with the latest methodologies, including full coverage of the KRACK attack and how to defend against it. The book presents wireless pentesting from the ground up, introducing all elements of penetration testing with each new technology. You'll learn various wireless testing methodologies by example, from the basics of wireless routing and encryption through to detailed coverage of hacking methods and attacks such as the Hirte and Caffe Latte. Style and approach Kali Linux Wireless Penetration Testing Beginner's Guide, Third Edition is a practical, hands-on guide to modern wi-fi network hacking. It covers both the

theory and practice of wireless pentesting, offering detailed, real-world coverage of the latest vulnerabilities and attacks. Penetration testers simulate cyber attacks to find security weaknesses in networks, operating systems, and applications. Information security experts worldwide use penetration techniques to evaluate enterprise defenses. In Penetration Testing, security expert, researcher, and trainer Georgia Weidman introduces you to the core skills and techniques that every pentester needs. Using a virtual machine–based lab that includes Kali Linux and vulnerable operating systems, you'll run through a series of practical lessons with tools like Wireshark, Nmap, and Burp Suite. As you follow along with the labs and launch attacks, you'll experience the key stages of an actual assessment—including information gathering, finding exploitable vulnerabilities, gaining access to systems, post exploitation, and more. Learn how to: –Crack passwords and wireless network keys with brute-forcing and wordlists –Test web applications for vulnerabilities –Use the Metasploit Framework to launch exploits and write your own Metasploit modules –Automate social-engineering attacks –Bypass antivirus software –Turn access to one machine into total control of the enterprise in the post exploitation phase You'll even explore writing your own exploits. Then it's on to mobile hacking—Weidman's particular area of research—with her tool, the Smartphone Pentest Framework. With its collection of hands-on lessons that cover key tools and strategies, Penetration Testing is the introduction that every aspiring hacker needs. Do you want to

learn how you can protect yourself from hackers in your office and home and how to carry out ethical hacking? If yes, then keep reading... In layman's terms, hacking is the act of breaking into someone else's computer to which you have no access and stealing private information by circumventing the security measures. It is dangerous because it sabotages the entire computer system. The origin of the word "hacking" can be traced back to the 1960's and 1970's. Some hackers, called Yippe, were anti-war protestors and members of the Youth International Party. They played pranks in the streets, and most of their prank techniques were taught within their group. It is important to note that they were involved in tapping telephone lines as well. Gradually, what was called a prank grew to another level and became known as hacking. However, this time their tools were state-of-the-art mega core processors and multi-function plasma screens. Hacking tactics are increasingly being used by terrorist organizations for numerous acts of evil, including obtaining illegal funding, spreading propaganda, launching missiles, threatening the government and gathering intelligence about secret military movements. In this book, various types of hacking will be broken down and explained. Step by step instructions will be provided so that you can protect yourself from hackers in your office and home, as well as on the internet. This book gives a comprehensive guide on the following: A step by step process on installing and downloading Kali LinuxVarious tools that are available in Kali Linux, which can be used for penetrating wireless devicesBasic Linux CommandsTips and tricks on

Penetration Testing and Web SecurityLinux ToolsHow exploits are classifiedThe role of firewallWhat are cryptography and digital signatureThe Threat of Malware and Cyber AttacksManagement of Linux Kernel and Loadable Kernel ModulesBash and python scripting ... AND MORE!!! Even if it is your first approach with hacking, by the end of this book you will be armed with all the knowledge you require to get started in ethical hacking.This book is a very and complete guide with a lot of practice and little theory.All you need to know is in this book with detailed descriptions and step by step processes.Even if you are a complete beginner, this book will act as your guide as you traverse the virtual world. What are you waiting for?Scroll to the top of the page and select the buy now button! "WarDriving and Wireless Penetration Testing" brings together the premiere wireless penetration testers to outline how successful penetration testing of wireless networks is accomplished, as well as how to defend against these attacks. Achieve the gold standard in penetration testing with Kali using this masterpiece, now in its third edition!About This Book- Get a rock-solid insight into penetration testing techniques and test your corporate network against threats like never before- Formulate your pentesting strategies by relying on the most up-to-date and feature-rich Kali version in town-Kali Linux 2 (aka Sana).- Experience this journey with new cutting-edge wireless penetration tools and a variety of new features to make your pentesting experience smootherWho This Book Is ForIf you are an IT security professional or a student with basic knowledge of Unix/Linux operating

systems, including an awareness of information security factors, and you want to use Kali Linux for penetration testing, this book is for you.What You Will Learn- Find out to download and install your own copy of Kali Linux- Properly scope and conduct the initial stages of a penetration test- Conduct reconnaissance and enumeration of target networks- Exploit and gain a foothold on a target system or network- Obtain and crack passwords- Use the Kali Linux NetHunter install to conduct wireless penetration testing- Create proper penetration testing reportsIn DetailKali Linux is a comprehensive penetration testing platform with advanced tools to identify, detect, and exploit the vulnerabilities uncovered in the target network environment. With Kali Linux, you can apply appropriate testing methodology with defined business objectives and a scheduled test plan, resulting in a successful penetration testing project engagement.Kali Linux - Assuring Security by Penetration Testing is a fully focused, structured book providing guidance on developing practical penetration testing skills by demonstrating cutting-edge hacker tools and techniques with a coherent, step-by-step approach. This book offers you all of the essential lab preparation and testing procedures that reflect real-world attack scenarios from a business perspective, in today's digital age.Style and approachThis practical guide will showcase penetration testing through cutting-edge tools and techniques using a coherent, step-by-step approach. Kali Linux Wireless Penetration Testing Beginner's Guide, Third Edition presents wireless pentesting from the ground up, and has been updated with the

latest methodologies, including full coverage of the KRACK attack. About This Book Learn wireless penetration testing with Kali Linux Detect hidden wireless networks and discover their names Explore advanced Wi-Fi hacking techniques including rogue access point hosting and probe sniffing Develop your encryption cracking skills and gain an insight into the methods used by attackers and the underlying technologies that facilitate these attacks Who This Book Is For Kali Linux Wireless Penetration Testing Beginner's Guide, Third Edition is suitable for anyone who wants to learn more about pentesting and how to understand and defend against the latest wireless network attacks. What You Will Learn Understand the KRACK attack in full detail Create a wireless lab for your experiments Sniff out wireless packets, hidden networks, and SSIDs Capture and crack WPA-2 keys Sniff probe requests and track users through their SSID history Attack radius authentication systems Sniff wireless traffic and collect interesting data Decrypt encrypted traffic with stolen keys In Detail As wireless networks become ubiquitous in our lives, wireless penetration testing has become a key skill in the repertoire of the professional penetration tester. This has been highlighted again recently with the discovery of the KRACK attack which enables attackers to potentially break into Wi-Fi networks encrypted with WPA2. The Kali Linux security distribution comes with a myriad of tools used for networking attacks and detecting security loopholes. Kali Linux Wireless Penetration Testing Beginner's Guide, Third Edition has been updated to Kali Linux 2017.3 with the latest

methodologies, including full coverage of the KRACK attack and how to defend against it. The book presents wireless pentesting from the ground up, introducing all elements of penetration testing with each new technology. You'll learn various wireless testing methodologies by example, from the basics of wireless routing and encryption through to detailed coverage of hacking methods and attacks such as the Hirte and Caffe Latte. Style and approach Kali Linux Wireless Penetration Testing Beginner's Guide, Third Edition is a practical, hands-on guide to modern wi-fi network hacking. It covers both the theory and practice of wireless pentesting, offering detailed, real-wor ... If you are a security professional, pentester, or anyone interested in getting to grips with wireless penetration testing, this is the book for you. Some familiarity with Kali Linux and wireless concepts is beneficial. Wireless penetration testing has become a key skill in the range of the professional penetration testers. This book will teach you how to Hack any Wireless Networks! If you are interested in Wireless Penetration testing using Kali Linux, this book is for you!This book will cover: -What Wireless PenTest Tools you must have-What Wireless Adapters & Wireless Cards are best for Penetration Testing-How to Install Vitrual Box & Kali Linux-Wireless Password Attacks-WPA/WPA2 Dictionary Attack-Countermeasures to Dictionary Attacks-Deploying Passive Reconnaissance with Kali Linux-Countermeasures Against Passive Reconnaissance -How to Decrypt Traffic with Wireshark-How to implement MITM Attack with Ettercap-Countermeasures to Protect

Wireless Traffic-How to Secure Ad Hoc Networks-How to Physically Secure your Network -How to deploy Rogue Access Point using MITM Attack-How to use Wi-Spy DGx & Chanalyzer-How to implement Deauthentication Attack against a Rogue AP-How to deploy Evil Twin Deauthentication Attack with mdk3-How to deploy DoS Attack with MKD3-Encryption Terminology & Wireless Encryption Options-WEP Vulnerabilities & TKIP Basics-Defining CCMP & AES-Wireless Authentication Methods & Processes-4-Way Handshake & Fast Roaming Process-Message Integrity, Data Protection and Data Tampering-MIC Code Packet Spoofing Countermeasures and more...BUY THIS BOOK NOW AND GET STARTED TODAY! Do you want to know how to protect your system from being compromised and learn about advanced security protocols? Do you want to improve your skills and learn how hacking actually works? If you want to understand how to hack from basic level to advanced, keep reading... A look into the box of tricks of the attackers can pay off, because who understands how hacking tools work, can be better protected against attacks. Kali-Linux is popular among security experts, which have various attack tools on board. It allows you to examine your own systems for vulnerabilities and to simulate attacks. This book introduces readers by setting up and using the distribution and it helps users who have little or no Linux experience.. The author walks patiently through the setup of Kali-Linux and explains the procedure step by step. This practical, tutorial-style book uses the Kali Linux distribution to teach Linux basics with a focus on how hackers

would use them. Topics includes Network security WLAN VPN WPA / WPA2 WEP Nmap and OpenVAS Attacks Linux tools Solving level problems Exploitation of security holes And more... "Kali Linux for Hackers" will help you understand the better use of Kali Linux and it will teach you how you can protect yourself from most common hacking attacks. You will stay a step ahead of any criminal hacker! So let's start now, order your copy today!Scroll to the top of the page and select the buy now button. Buy paperback format and receive for free the kindle version! Convert Android to a powerful pentesting platform. Key FeaturesGet up and running with Kali Linux NetHunter Connect your Android device and gain full control over Windows, OSX, or Linux devices Crack Wi-Fi passwords and gain access to devices connected over the same network collecting intellectual dataBook Description Kali NetHunter is a version of the popular and powerful Kali Linux pentesting platform, designed to be installed on mobile devices. Hands-On Penetration Testing with Kali NetHunter will teach you the components of NetHunter and how to install the software. You'll also learn about the different tools included and how to optimize and use a package, obtain desired results, perform tests, and make your environment more secure. Starting with an introduction to Kali NetHunter, you will delve into different phases of the pentesting process. This book will show you how to build your penetration testing environment and set up your lab. You will gain insight into gathering intellectual data, exploiting vulnerable areas, and gaining control over target systems. As you progress

through the book, you will explore the NetHunter tools available for exploiting wired and wireless devices. You will work through new ways to deploy existing tools designed to reduce the chances of detection. In the concluding chapters, you will discover tips and best practices for integrating security hardening into your Android ecosystem. By the end of this book, you will have learned to successfully use a mobile penetration testing device based on Kali NetHunter and Android to accomplish the same tasks you would traditionally, but in a smaller and more mobile form factor. What you will learnChoose and configure a hardware device to use Kali NetHunter Use various tools during pentests Understand NetHunter suite components Discover tips to effectively use a compact mobile platform Create your own Kali NetHunter-enabled device and configure it for optimal results Learn to scan and gather information from a target Explore hardware adapters for testing and auditing wireless networks and Bluetooth devicesWho this book is for Hands-On Penetration Testing with Kali NetHunter is for pentesters, ethical hackers, and security professionals who want to learn to use Kali NetHunter for complete mobile penetration testing and are interested in venturing into the mobile domain. Some prior understanding of networking assessment and Kali Linux will be helpful. Hacking and Penetration Testing with Low Power Devices shows you how to perform penetration tests using small, low-powered devices that are easily hidden and may be battery-powered. It shows how to use an army of devices, costing less than you might spend on a laptop, from distances of a mile or more. Hacking and

Penetration Testing with Low Power Devices shows how to use devices running a version of The Deck, a full-featured penetration testing and forensics Linux distribution, and can run for days or weeks on batteries due to their low power consumption. Author Philip Polstra shows how to use various configurations, including a device the size of a deck of cards that can easily be attached to the back of a computer. While each device running The Deck is a full-featured pen-testing platform, connecting systems together via 802.15.3 networking gives you even more power and flexibility. This reference teaches you how to construct and power these devices, install operating systems, and fill out your toolbox of small low-power devices with hundreds of tools and scripts from the book's companion website. Hacking and Pen Testing with Low Power Devices puts all these tools into your hands and will help keep you at the top of your game performing cutting-edge pen tests from anywhere in the world! Understand how to plan and execute an effective penetration test using an army of low-power devices Learn how to configure and use open-source tools and easy-to-construct low-power devices Leverage IEEE 802.15.4 networking to perform penetration tests from up to a mile away, or use 802.15.4 gateways to perform pen tests from anywhere in the world Access penetration testing operating systems with hundreds of tools and scripts on the book's companion web site If you are a security professional, pentester, or anyone interested in getting to grips with wireless penetration testing, this is the book for you. Some familiarity with Kali Linux and wireless concepts is beneficial. This

practical, tutorial-style book uses the Kali Linux distribution to teach Linux basics with a focus on how hackers would use them. Topics include Linux command line basics, filesystems, networking, BASH basics, package management, logging, and the Linux kernel and drivers. If you're getting started along the exciting path of hacking, cybersecurity, and pentesting, Linux Basics for Hackers is an excellent first step. Using Kali Linux, an advanced penetration testing distribution of Linux, you'll learn the basics of using the Linux operating system and acquire the tools and techniques you'll need to take control of a Linux environment. First, you'll learn how to install Kali on a virtual machine and get an introduction to basic Linux concepts. Next, you'll tackle broader Linux topics like manipulating text, controlling file and directory permissions, and managing user environment variables. You'll then focus in on foundational hacking concepts like security and anonymity and learn scripting skills with bash and Python. Practical tutorials and exercises throughout will reinforce and test your skills as you learn how to: - Cover your tracks by changing your network information and manipulating the rsyslog logging utility - Write a tool to scan for network connections, and connect and listen to wireless networks - Keep your internet activity stealthy using Tor, proxy servers, VPNs, and encrypted email - Write a bash script to scan open ports for potential targets - Use and abuse services like MySQL, Apache web server, and OpenSSH - Build your own hacking tools, such as a remote video spy camera and a password cracker Hacking is complex, and there is no single

way in. Why not start at the beginning with Linux Basics for Hackers? ? Do you enjoy working with a wireless network, where you are able to take your computer, and your work, with you everywhere that you go? ? Do you want to be able to protect your valuable information, and any other important data that is on your system and keep it away from a hacker who wants to use it maliciously? ? Would you like to be able to protect your system and learn more about the different methods hackers can use to get onto your computer through your wireless network? Wireless networks have changed the way that we are able to interact with our systems and with technology. In the past, we relied on a wired service that kept us in one place or jumping from one computer to the next. Today, most devices, including phones, tablets, and computers, are mobile and can be used anywhere thanks to the wireless network that seems to be everywhere. While this is great news for most people, we have to be aware that there are some problems that can arise, and any vulnerabilities that a hacker would like to take advantage of. In this guidebook, we are going to take a look at some of the ways that we can learn about wireless penetration, and how a hacker is able to get onto your system and take advantage, often without you having any idea. Learning how this kind of penetration can happen, and how we are able to avoid it as much as possible, can make it so much easier for us to keep our information safe on our own system. Some of the topics that we are going to take in order to handle our wireless network and to make sure that we are going to keep our information safe, inside of this guidebook will include: A look

at wireless networking and some of the basics to help us get started. How to set up our methodology with wireless hacking and organizing all of the tools that we need. Getting ourselves pass all of the different types of encryption online. How to exploit a wireless network. How to handle a wireless denial of service attack. Making sure that you have your VPNs and firewalls in place to keep your network safe. A look at some of the basics of cybersecurity and how you can use this to keep the hackers out. How the different types of cyberattacks and malware operate. The consequences of a cyber-attack and why we need to prevent it before it ever starts. The basic steps you need to take in order to scan your own network and keep hackers out. While our wireless networks are helping to make things easier and allow us to be more mobile with our own work, they do bring up some big vulnerabilities that hackers love to try and get through. Description Product Description Investigate the most recent moral hacking apparatuses and procedures in Kali Linux 2019 to perform entrance testing without any preparation Key Features Get ready for action with Kali Linux 2019.2 Acquire thorough experiences into security ideas like social designing, remote organization abuse, and web application assaults Figure out how to utilize Linux orders in the manner moral programmers do to oversee your current circumstance Book Description The current ascent in hacking and security breaks makes it more significant than any other time to viably pentest your current circumstance, guaranteeing endpoint insurance. This book will take you through the most recent rendition of Kali Linux and

assist you with utilizing different instruments and strategies to effectively manage significant security perspectives. Through certifiable models, you'll see how to set up a lab and later investigate center infiltration testing ideas. Over the span of this book, you'll find a good pace with get-together touchy data and even find diverse weakness evaluation instruments packaged in Kali Linux 2019. In later sections, you'll gain bits of knowledge into ideas like social designing, assaulting remote organizations, abuse of web applications and remote access associations with additional expand on your pentesting abilities. You'll likewise zero in on methods like bypassing controls, assaulting the end client and keeping up with determination access through online media. At last, this pentesting book covers best practices for performing complex infiltration testing strategies in a profoundly gotten climate. Before the finish of this book, you'll have the option to utilize Kali Linux to distinguish weaknesses and secure your framework by applying entrance testing procedures of differing intricacy. What you will realize Investigate the basics of moral hacking Figure out how to introduce and arrange Kali Linux Find a good pace with performing remote organization pentesting Acquire bits of knowledge into aloof and dynamic data gathering Comprehend web application pentesting Decipher WEP, WPA, and WPA2 encryptions utilizing an assortment of strategies, for example, the phony verification assault, the ARP demand replay assault, and the word reference assault Who this book is for Assuming that you are an IT security proficient or a security advisor who needs to begin with infiltration

testing utilizing Kali Linux 2019.2, then, at that point, this book is for you. The book will likewise help assuming you're just hoping to study moral hacking and different security breaks. Albeit earlier information on Kali Linux isn't required, some comprehension of network safety will be helpful. "Kali Linux is rated as the #1 security operating system for hackers. With the Linux operating system and its core structure based on Debian, it comes jam-packed with all the tools you need to penetration-test your websites. Kali Linux has gained popularity over the last few years with the rise of hacker groups (Anonymous, Lizard Squad, Ghost Squad Hackers, and others). Kali Linux was built for hackers, by hackers. Throughout this course, we will be discussing new products to add to your ethical pen testing tool belt, including antennas, Android devices, and laptops. We will learn how to use high-powered antennas to search and reach wireless networks from afar, and then utilize a variety of tools to find hidden wireless networks and crack passwords. The end goal of this course is to be able to connect to a wireless network, by utilizing various tools and software programs, and hack into wireless networks, even if they are protected by the WEP/WPS/WPA/WPA2 security protocols."--Resource description page. If you want to learn the art of Hacking and find out how a Hacker thinks then keep reading... M??t ?v?r? home ?nd business ?ffi?? n?w h?? a firewall th?t ????r?t?? ??ur internal computer network fr?m th? wild w??t ?f th? world wid? int?rn?t. The good n?w? is th?t fir?w?ll? h?v? become in?r???ingl? m?r? sophisticated ?nd ?r???rl? ??nfigur?d ??n d? ?n excellent j?b in ???uring

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completely beginner, with this guide, you will learn it easily!Would you like to know more? GO GRAB THIS BOOK NOW!!! With more than 600 security tools in its arsenal, the Kali Linux distribution can be overwhelming. Experienced and aspiring security professionals alike may find it challenging to select the most appropriate tool for conducting a given test. This practical book covers Kali's expansive security capabilities and helps you identify the tools you need to conduct a wide range of security tests and penetration tests. You'll also explore the vulnerabilities that make those tests necessary. Author Ric Messier takes you through the foundations of Kali Linux and explains methods for conducting tests on networks, web applications, wireless security, password vulnerability, and more. You'll discover different techniques for extending Kali tools and creating your own toolset. Learn tools for stress testing network stacks and applications Perform network reconnaissance to determine what's available to attackers Execute penetration tests using automated exploit tools such as Metasploit Use cracking tools to see if passwords meet complexity requirements Test wireless capabilities by injecting frames and cracking passwords Assess web application vulnerabilities with automated or proxy-based tools Create advanced attack techniques by extending Kali tools or developing your own Use Kali Linux to generate reports once testing is complete Achieve the gold standard in penetration testing with Kali using this masterpiece, now in its third edition! About This Book Get a rock-solid insight into penetration testing techniques and test your corporate network against threats like never

before Formulate your pentesting strategies by relying on the most up-to-date and feature-rich Kali version in town—Kali Linux 2 (aka Sana). Experience this journey with new cutting-edge wireless penetration tools and a variety of new features to make your pentesting experience smoother Who This Book Is For If you are an IT security professional or a student with basic knowledge of Unix/Linux operating systems, including an awareness of information security factors, and you want to use Kali Linux for penetration testing, this book is for you. What You Will Learn Find out to download and install your own copy of Kali Linux Properly scope and conduct the initial stages of a penetration test Conduct reconnaissance and enumeration of target networks Exploit and gain a foothold on a target system or network Obtain and crack passwords Use the Kali Linux NetHunter install to conduct wireless penetration testing Create proper penetration testing reports In Detail Kali Linux is a comprehensive penetration testing platform with advanced tools to identify, detect, and exploit the vulnerabilities uncovered in the target network environment. With Kali Linux, you can apply appropriate testing methodology with defined business objectives and a scheduled test plan, resulting in a successful penetration testing project engagement. Kali Linux – Assuring Security by Penetration Testing is a fully focused, structured book providing guidance on developing practical penetration testing skills by demonstrating cutting-edge hacker tools and techniques with a coherent, step-by-step approach. This book offers you all of the essential lab preparation and testing procedures that reflect real-world

attack scenarios from a business perspective, in today's digital age. Style and approach This practical guide will showcase penetration testing through cutting-edge tools and techniques using a coherent, step-by-step approach. Penetration Tester’s Open Source Toolkit, Third Edition, discusses the open source tools available to penetration testers, the ways to use them, and the situations in which they apply. Great commercial penetration testing tools can be very expensive and sometimes hard to use or of questionable accuracy. This book helps solve both of these problems. The open source, no-cost penetration testing tools presented do a great job and can be modified by the student for each situation. This edition offers instruction on how and in which situations the penetration tester can best use them. Real-life scenarios support and expand upon explanations throughout. It also presents core technologies for each type of testing and the best tools for the job. The book consists of 10 chapters that covers a wide range of topics such as reconnaissance; scanning and enumeration; client-side attacks and human weaknesses; hacking database services; Web server and Web application testing; enterprise application testing; wireless penetrating testing; and building penetration test labs. The chapters also include case studies where the tools that are discussed are applied. New to this edition: enterprise application testing, client-side attacks and updates on Metasploit and Backtrack. This book is for people who are interested in penetration testing or professionals engaged in penetration testing. Those working in the areas of database, network, system, or application administration, as well as

architects, can gain insights into how penetration testers perform testing in their specific areas of expertise and learn what to expect from a penetration test. This book can also serve as a reference for security or audit professionals. Details current open source penetration testing tools Presents core technologies for each type of testing and the best tools for the job New to this edition: Enterprise application testing, client-side attacks and updates on Metasploit and Backtrack Do you want to find out how hackers move around the net? Do you want to become an ethical or unethical hacker? What is your purpose? Modern-day hacking has become more sophisticated than ever. Hacktivists groups, ransomware, and highly classified document releases are a daily problem. In modern times, the ethical hackers are needed more than ever to protect and prevent hack attacks. The information available to everyone makes it all the easier for hack attacks, but it makes protection available as well. Hacking is not always black and white, and there are different types of hackers and types of hacking. The major types of hackers are divided between ethical, unethical, and somewhere in between. Kali Linux comes with just about every tool pre-installed that can be used for any of the above purposes. It is for this reason that Security Auditors, Forensics Investigators, Penetration Testers, and Researchers prefer it. This book covers topical issues like wireless network attacks, cyber-attacks, and penetration testing, among others. It, therefore, means that you are now in an excellent position to discern network attack mechanisms being perpetrated in the real world and recommend appropriate

remedial measures. This guide will focus on the following How To Install The Kali Linux Setting Up Your Hacking Lab Essential Linux Terminal Commands Web-Based Exploitation Types of Penetration Testing Hacking Wifi Passwords Networking To Achieve Targets The Effects Everyone Suffers From Advanced kali Linux concepts Preventing Cyber Attacks And more! Whatever your purpose, you should know that the world of hackers is much more fascinating than you think, and this guide is a well condensed resource of all the news and techniques you need to achieve your goal. Leave ignorance to the foolish, embrace knowledge. Scroll up and buy this guide now! Achieve the gold standard in penetration testing with Kali using this masterpiece, now in its fourth edition Key Features Rely on the most updated version of Kali to formulate your pentesting strategies Test your corporate network against threats Explore new cutting-edge wireless penetration tools and features Book Description Kali Linux is a comprehensive penetration testing platform with advanced tools to identify, detect, and exploit the vulnerabilities uncovered in the target network environment. With Kali Linux, you can apply the appropriate testing methodology with defined business objectives and a scheduled test plan, resulting in successful penetration testing project engagement. This fourth edition of Kali Linux 2018: Assuring Security by Penetration Testing starts with the installation of Kali Linux. You will be able to create a full test environment to safely practice scanning, vulnerability assessment, and exploitation. You'll explore the essentials of penetration

testing by collecting relevant data on the target network with the use of several footprinting and discovery tools. As you make your way through the chapters, you'll focus on specific hosts and services via scanning and run vulnerability scans to discover various risks and threats within the target, which can then be exploited. In the concluding chapters, you'll apply techniques to exploit target systems in order to gain access and find a way to maintain that access. You'll also discover techniques and tools for assessing and attacking devices that are not physically connected to the network, including wireless networks. By the end of this book, you will be able to use NetHunter, the mobile version of Kali Linux, and write a detailed report based on your findings. What you will learn Conduct the initial stages of a penetration test and understand its scope Perform reconnaissance and enumeration of target networks Obtain and crack passwords Use Kali Linux NetHunter to conduct wireless penetration testing Create proper penetration testing reports Understand the PCI-DSS framework and tools used to carry out segmentation scans and penetration testing Carry out wireless auditing assessments and penetration testing Understand how a social engineering attack such as phishing works Who this book is for This fourth edition of Kali Linux 2018: Assuring Security by Penetration Testing is for pentesters, ethical hackers, and IT security professionals with basic knowledge of Unix/Linux operating systems. Prior knowledge of information security will help you understand the concepts in this book

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